

Tuesday, July 13, 1999

Eight days to launch of STS-93 and Chandra X-ray Observatory



Onsite training overview of Microsoft's Office 97 offered ODIN customers

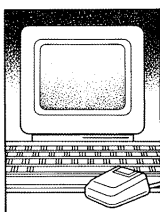


▲ **NASA's second Space Shuttle mission** of the year will mark the launch of the first female Shuttle Commander as well as the Chandra X-ray Observatory. Columbia is scheduled to lift off July 20 from Launch Pad 39-B at 12:36 a.m.

EDT, at the opening of a 46-minute launch window. Columbia's planned five-day mission is scheduled to end July 24 with a night landing at KSC at 11:31 p.m. EDT. Following its deployment from the Shuttle, Chandra will join the Hubble Space Telescope and the Compton Gamma Ray Observatory as the next in NASA's series of "Great Observatories." Chandra will spend at least five years in a highly elliptical orbit which will carry it one-third of the way to the moon to observe invisible and often violent realms of the cosmos containing some of the most intriguing mysteries in astronomy, ranging from comets in our solar system to quasars at the edge of the universe.

▲ **Office 97 Differences Training --**

ODIN has scheduled a complimentary Office 97 Differences Course on Thursday, July 15, in the KSC Training Auditorium at either 8:30 a.m. or 1 p.m. This is a 2-hour overview that includes the differences between Office 95 and Office 97, especially Word 97/NT 4.0, Excel 97, PowerPoint 97, and Access 97. Seats are limited to 40 students per course on a first-come basis. To register, please e-mail your name, telephone number, organization, and CPU ECN to ODINTrainingRegistration@kscgws00.ksc.nasa.gov. For additional information, please call Ann Marie Scheuerlein at 867-2785.



◆ **KSC Fitness Centers Offer Stress Management Program, "Feel Like a Million," July 12 through Aug. 9 --**

Stressed out? This new 28-day stress management program will help you feel your best! By the end of this *self-monitored* program you'll be practicing activities that make you feel good and manage the stress in your life better. Everyone who completes the program will be eligible to win prizes, such as a hat, a T-shirt or a gift certificate for a FREE one-hour massage. *Stop by either Fitness Center for more information and to pick up the forms.* Please keep in mind that this is **not** a class; it's a self-monitored program.

◆ **Remember:** The Apollo 11 Mission 30th Anniversary Picnic is being held Saturday, July 17, from 6 to 11 p.m., Fox Lake Park, Titusville. Food will be served from 7 to 8:30 p.m. Cost is \$15 per person. Send check (made out to "Apollo 11 Reunion") with a self-addressed, stamped envelope to Norm Carlson, 2616 Applewood Dr., Titusville, FL 32780, or call 267-4843. Memento items will be available at the picnic. For information, call Gary Powers, 867-6142.

◆ **Did You Know?** The second in a series of free Florida Space Institute seminars is being held today, **Tuesday, July 13, from 10 to noon** in the KSC Training Auditorium. Dick Jansson is speaking on "Thermal Engineering for Spacecraft." Jansson has 45 years' experience in aerospace as a thermal and mechanical engineer. Among the programs he has worked on are X-15, Apollo, Skylab, and AMSAT's Oscar and MicroSat spacecraft.

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

E-mail – Anita.Barrett-1@ksc.nasa.gov ◆ Mail Code – IDI-011 ◆ Telephone – 867-2815

Countdown on the Internet -- <http://www-pao.ksc.nasa.gov/kscpao/ksccount/1999/1999.htm>